

Title (en)
DEHUMIDIFYING DEVICE AND LAMP

Title (de)
ENTFEUCHTER UND LAMPE

Title (fr)
DISPOSITIF DE DÉSHUMIDIFICATION ET LAMPE

Publication
EP 3222339 A4 20180627 (EN)

Application
EP 15860261 A 20151119

Priority
• JP 2014234874 A 20141119
• JP 2015082566 W 20151119

Abstract (en)
[origin: EP3222339A1] A vehicle lamp 1 is provided with: a ventilating unit 10 that is provided with a first opening 2a of a closed case 2, prevents entry of liquids and solids to an inside space S within the case 2, and allows circulation of air between the inside space S and an outside space of the vehicle lamp 1; and a dehumidifying unit 20 that is provided in a second opening 2b of the case 2 different in position from the first opening 2a and has an electrolysis dehumidifying element for discharging water vapor in the inside space S to the outside of the vehicle lamp 1 by electrolysis. Thus, a dehumidifying device and a lamp that can rapidly discharge water vapor that has entered the inside of a housing to the outside of the housing can be provided.

IPC 8 full level
B01D 53/26 (2006.01); **F21S 45/33** (2018.01); **F21V 31/03** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP KR US)
B01D 53/26 (2013.01 - EP KR US); **F21S 41/00** (2017.12 - KR); **F21S 41/25** (2017.12 - EP); **F21S 41/255** (2017.12 - EP US); **F21S 41/28** (2017.12 - EP); **F21S 41/321** (2017.12 - EP US); **F21S 45/10** (2017.12 - EP US); **F21S 45/20** (2017.12 - EP US); **F21S 45/30** (2017.12 - US); **F21S 45/33** (2017.12 - EP US); **F21V 31/03** (2013.01 - EP KR US); **F21S 41/148** (2017.12 - EP US); **F21S 41/28** (2017.12 - US); **F21Y 2115/10** (2016.07 - US)

Citation (search report)
• [X] JP 2006216157 A 20060817 - HITACHI GLOBAL STORAGE TECH
• [A] US 2011016836 A1 20110127 - YANO YOUZOU [JP]
• See references of WO 2016080492A1

Cited by
US2015050877A1; FR3090819A1; EP3581848A1; WO2020126958A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3222339 A1 20170927; **EP 3222339 A4 20180627**; **EP 3222339 B1 20190807**; CN 107106974 A 20170829; CN 107106974 B 20200731; JP 2016097339 A 20160530; JP 6803130 B2 20201223; KR 102452726 B1 20221006; KR 20170089844 A 20170804; US 10386059 B2 20190820; US 2017363278 A1 20171221; WO 2016080492 A1 20160526

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